

**caBIG**cancer Biomedical  
Informatics Grid

caBIG Strategic Planning Working Group  
Teleconference  
May 24, 2004

| Agenda                                |              |
|---------------------------------------|--------------|
| 1. Administrative Items               |              |
| 2. Review of open Action Items        | Chalk Dawson |
| 3. Review of the VCDE Workspace       | Dan Geraghty |
| 4. Review of the CDE Governance Model | Peter Covitz |
| 5. Access Grid                        | Tom Casavant |
| 6. Next Meeting Date                  |              |

**Attendees**

| Name                | Organization  | E-mail Address              |
|---------------------|---|-----------------------------|
| Ken Buetow          | National Cancer Institute                           | buetowk@mail.nih.gov        |
| Peter Covitz        | National Cancer Institute                           | covitzp@mail.nih.gov        |
| Chalk Dawson        | Booz Allen Hamilton                                 | dawson_chalk@bah.com        |
| Leslie Derr         | National Cancer Institute                           | derrl@mail.nih.gov          |
| Dan Geraghty        | Fred Hutchinson                                     | geraghty@fhcrc.org          |
| Bob Robbins         | Fred Hutchinson                                     | rrobbins@fhcrc.org          |
| Kim Johnson         | Duke University                                     | kim.johnson@duke.edu        |
| Jessica Bondy       | University of Colorado                              | jessica.bondy@uchsc.edu     |
| Michael Ochs        | Fox Chase   | michael.ochs@fccc.edu       |
| Bob Beck            | Fox Chase   | robert.beck@fccc.edu        |
| Theo Wills          | Booz Allen Hamilton                                 | wills_theo@bah.com          |
| David Tuck          | Yale  | david.tuck@yale.edu         |
| David Fenstermacher | University of Pennsylvania - Abramson Cancer Center | dfenster@mail.med.upenn.edu |
| Judith May          | Patient Advocate - IWMF)                            | judith.may@verizon.net      |
| Tom Casavant        | University of Iowa - Holden                         | tomc@eng.uiowa.edu          |
| Clayton Naeve       | St. Jude Children's Research Hospital               | clayton.naeve@stjude.org    |
| Joanne Ruh          | Roswell Park  | joanne.ruh@roswellpark.org  |
| Michael Keller      | Booz Allen Hamilton                                 | keller_michael@bah.com      |

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|                      |                     |                              |
|----------------------|---------------------|------------------------------|
| Christine Richardson | Booz Allen Hamilton | richardson_christine@bah.com |
|----------------------|---------------------|------------------------------|

The following summarizes the discussion that took place during this meeting:

**Administrative Items:**

- Notes from the May 10, 2004 meeting were approved.

**Review of Open Action Items**

- Open Action Items were reviewed and updated. (See Action Items table at end of this document.)

**Update from the Strategic Plan Subcommittee – Bob Beck**

- The Strategic Plan subcommittee determined that the development of one year deliverables is more appropriately a function of the individual Workspaces/Working Groups rather than the Strategic Planning WG.
- The Strategic Plan subcommittee recommendations are as follows.
  - Request the Architecture workspace group to develop a document incorporating principles and frameworks underlying the caBIG initiative, to be completed ASAP.
  - Request the Vocabulary workspace to develop Common Data Element libraries and rationalize them so that collaborative work can be commenced.
  - Request the Strategic Working Group to convene a subcommittee (nicknamed the "Gotcha Group") to stay abreast of global issues within the caBIG community, intellectual property, and expectation management on behalf of cancer center directors and the NCI. This includes political, sociological, and technical issues that must be identified early to avoid the derailment of caBIG. These issues must be assigned to specific owners and may be tasked to other Workspaces/Working Groups.
  - Request all workspaces to develop "use cases" leading to functional specifications for the caBIG applications pertinent to their areas. Strategic workspace will be tasked with harmonizing and developing overarching use cases and functional documents for the environment in toto.
  - Request all institutions within the caBIG community having current applications intended for incorporation into the caBIG framework to develop object models of their current systems and be prepared to share



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them as needed with the caBIG working teams.

- Request all domain workgroups to adopt an approach of rapid prototyping and production of early testable code, so that one year deliverables are possible. Domain workspaces will be tasked with proposing their own one year deliverables, to be ratified by the strategic workspace.
- The Strategic Planning WG agreed with the recommendations.
- Chalk Dawson will share the recommendations with NCI and WG/WS members for comment and action.
- WG/WS comments will be reviewed by the Strategic Plan subcommittee. The subcommittee will submit one-year WS/WG goals to the Strategic Planning WG within 2 weeks.

**Review of VCDE Workspace – Dan Geraghty**

- The VCDE WS is planning to hold a face-to-face meeting in coordination with the Protégé conference is July 2004.
- Ken emphasized the importance of ensuring VCDE activities are aligned with the forthcoming federally mandated healthcare standards.
  - For additional information on the VCDE WS see attached VCDE Summary Notes dated 5/24/2004

**Review of CDE Governance Model – Peter Covitz**

- See attached slides for CDE Governance Model scenarios. The VCDE WG has recommended Scenario 4.

**Access Grid – Tom Casavant**

- The Access Grid as well as Radvision MCU/Polycom, Centra (data only) will be tested by the Collaborative Tools group.

**Next Meeting's Agenda Items**

The next teleconference will be held June 7, 2004 – 12:30-1:30 (ET)

|  |                     |
|--|---------------------|
| 1. Review of Open Action Items                       | Chalk Dawson        |
| 2. Review of Strategic Plan Recommendations Feedback | Bob Beck            |
| 3. Tissue Bank and Pathology Tools WS Overview       | David Fenstermacher |

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| Item ID     | Action Item  | Assigned to  | Due Date   |
|-------------|--|--------------|--|
| 20040510-01 | Draft Centra pilot Fact Sheet.   | Ken Buetow   | 5/24/2004<br><i>Tabled until June 7 meeting.</i> |
| 20040510-02 | Draft Internet2 pilot Fact Sheet.  | Tom Casavant | 5/24/2004<br><i>Tabled until June 7 meeting.</i> |
| 20040510-03 | Draft verbiage soliciting Workspaces/Workgroups for Strategic Plan agenda items. Forward to Chalk for distribution.  | Bob Beck     | closed   |
| 20040510-04 | Recommend caBIG takeover BRIITE's overlapping Architecture initiatives.<br><i>5/24/2004: Need to education BRITTE on caBIG Architecture WG purpose. Bob Robbins to coordinate with Ken Buetow, Peter Covitz and Arumani Manisurami</i> | Bob Beck     | closed   |
| 20040510-05 | Send external interface guidelines to Workspaces   | Chalk Dawson | closed   |
| 20040524-01 | Provide Strategic Plan Subcommittee recommendations to NCI and WS/WGs for comment and action.  | Chalk Dawson | 5/31/2004  |

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**Vocabularies and Common Data Elements Summary Notes, chapter 2, May 24, 2004**

Communication/Coordination Summary

**Inter-Workspace Communications summary**

The VCDE workspace has identified liaisons from other workspaces to V/CDE workspace. For Architecture, Tissue Banks and Pathology Tools, Integrative Cancer Research, and Strategic Planning. The names of liaisons are contained in the attached summary of the May 5 meeting.

The Liaisons to other WS from V/CDE were also identified.

This list includes Architecture, Tissue Banks and Pathology Tools, Integrative Cancer Research, and Strategic Planning and in addition to

**List of priorities and Deliverables**

The participants of the VCDEs WS developed a list of near and further term actionable items to be addressed by the WS. The action items thus far identified as listed below:

- Educate Working Group on knowledge space (NCI services, Mayo models, Hutchinson models, etc.)

This is ongoing, with

**Relevant Vocabulary/Standards Activities identified:**

- caCORE
- LEXGRID
- HL7

The above have been demonstrated on the V/CDE conference calls with the LEXGRID system having been reviewed on May 20, 2004.

- CHI standards
- ISO 11179
- W3C – Symantec Web
- Numerous domain specific initiatives
- The group is tasked to find all appropriate initiatives

Will be reviewed in upcoming meetings.

**Accomplished:**

The CDE governance model has been agreed upon.

Discussions on formalizing an vetting and approving vocabulary products (see attached for transcript).

Relationships with external organizations discussed (see attached for transcript).



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Progress towards building VCDE use cases has proceeded towards building a template for review and approval.

A request for Use Case examples was on the agenda for the May 20 meeting.

A face-to-face meeting schedule was on the agenda for the May 20 meeting.

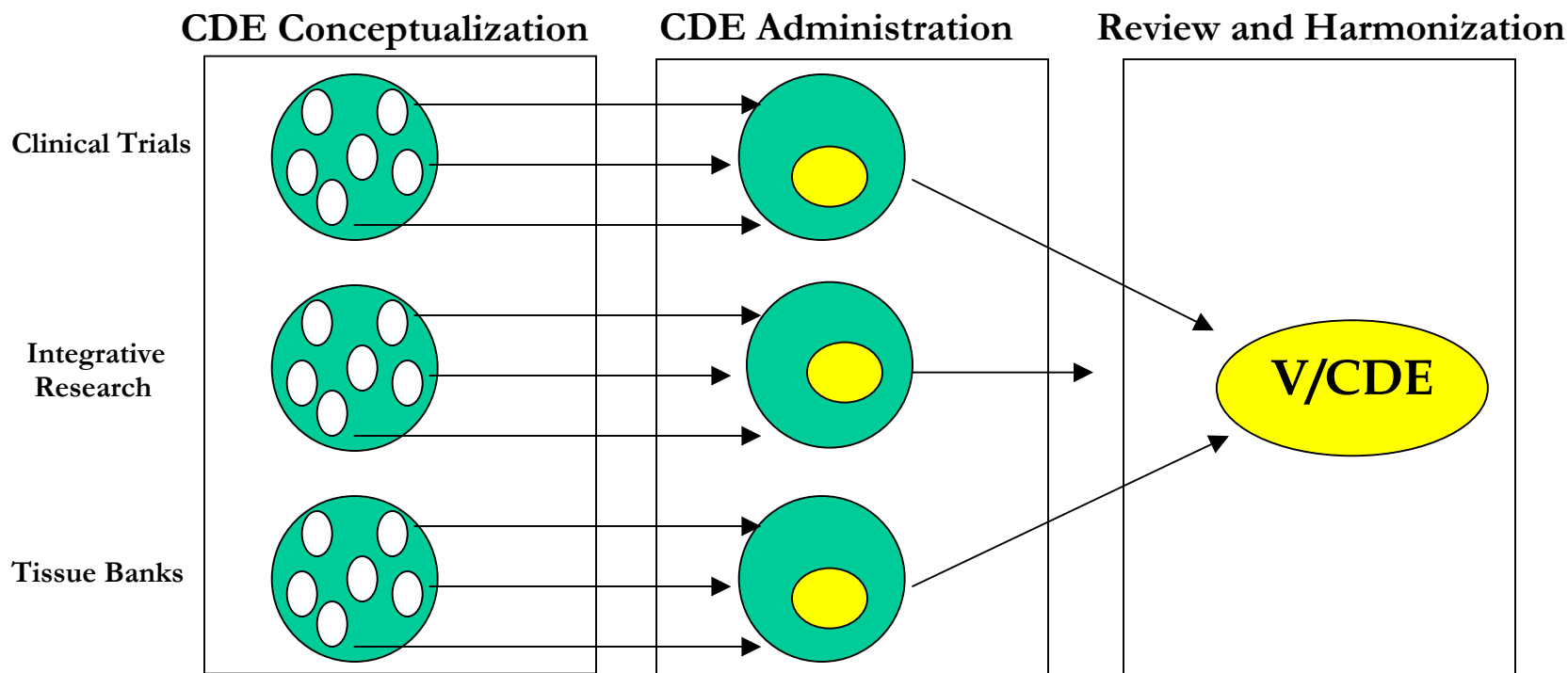
**Future Discussion (from the last update, with those accomplished or started noted).**

The group identified a variety of issues related to vocabulary and CDE development and use. Some issues to be addressed in future meetings include:

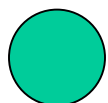
- Applicability of an information process model in identifying caBig standards (in progress).
- Need for development of use cases within domains (started and in progress)
- Assignment of responsibility for development of CDEs for domains (discussions started)
- Centralized/distributed tools and resources for vocabulary and CDE development
- Process for evaluating applicable standards
- Process for conferring approval for CDEs
- Schedule for standards evaluation and selection; how that fits with schedule for caBIG development

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## Scenario 4: Recommended CDE Development Model



**Scenario 4.** Cancer centers and scientists are responsible for proposing new CDE concepts in the CDE development process. CDE administration is then carried out by a designated group from the respective Domain Workspaces, in conjunction with the V/CDE Workspace. The final review, harmonization and acceptance is carried out by the V/CDE Workspace, along with the NCI.



Domain Workspace



Vocabularies and Common Data Elements Workspace



Individual Cancer Centers within Workspaces